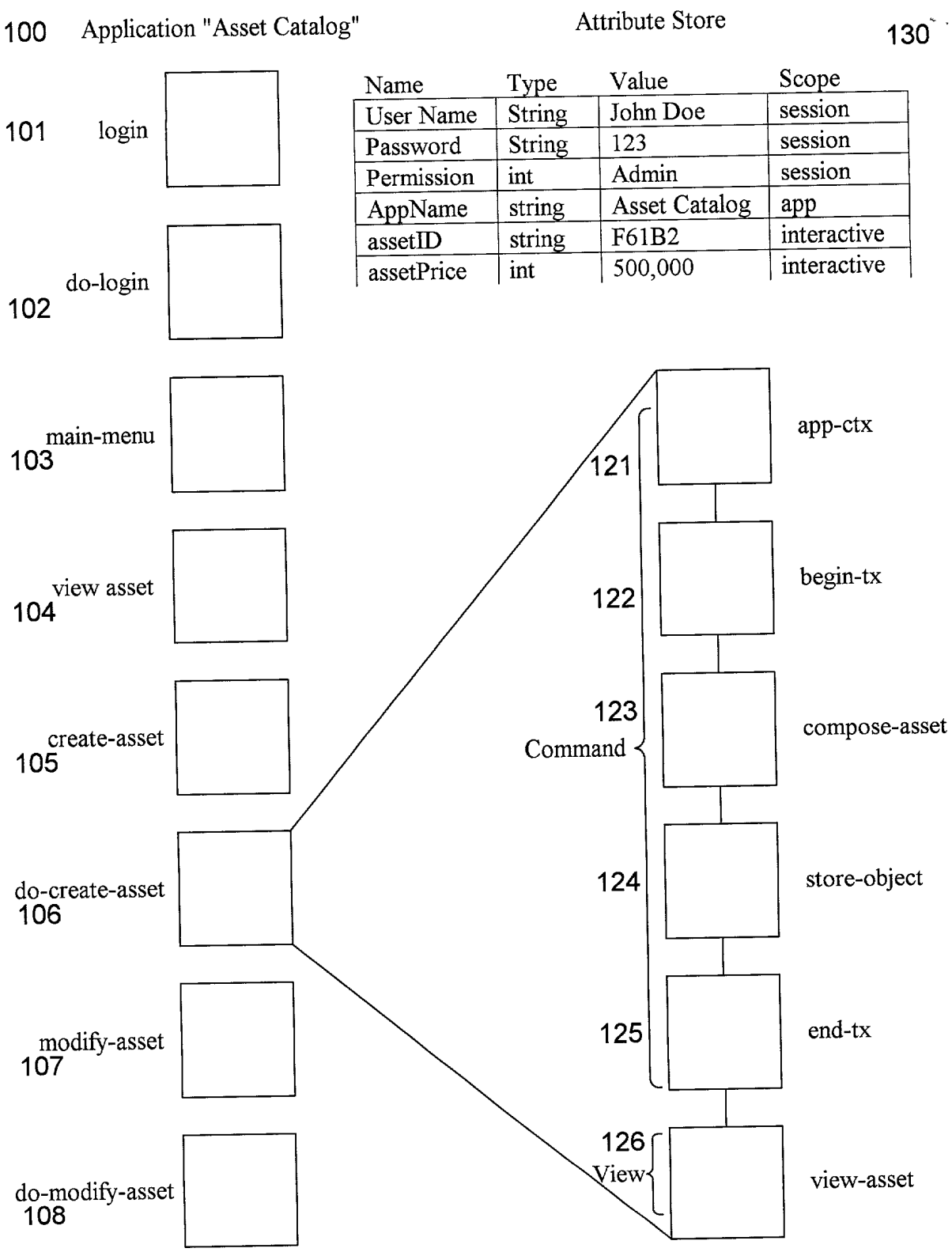
100 Application "Asset Catalog"
Attribute Store
130
Name | Type | Value | Scope
User Name | String | John Doe | session
Password | String | 123 | session
Permission | int | Admin | session
AppName | string | Asset Catalog | app
assetID | string | F61B2 | interactive
assetPrice | int | 500,000 | interactive
101 login
do-login
102
main-menu
103
view asset
104
create-asset
105
do-create-asset
106
modify-asset
107
do-modify-asset
108
121
app-ctx
122
begin-tx
123
Command
compose-asset
124
store-object
125
end-tx
126
View
view-asset

Fig. 1

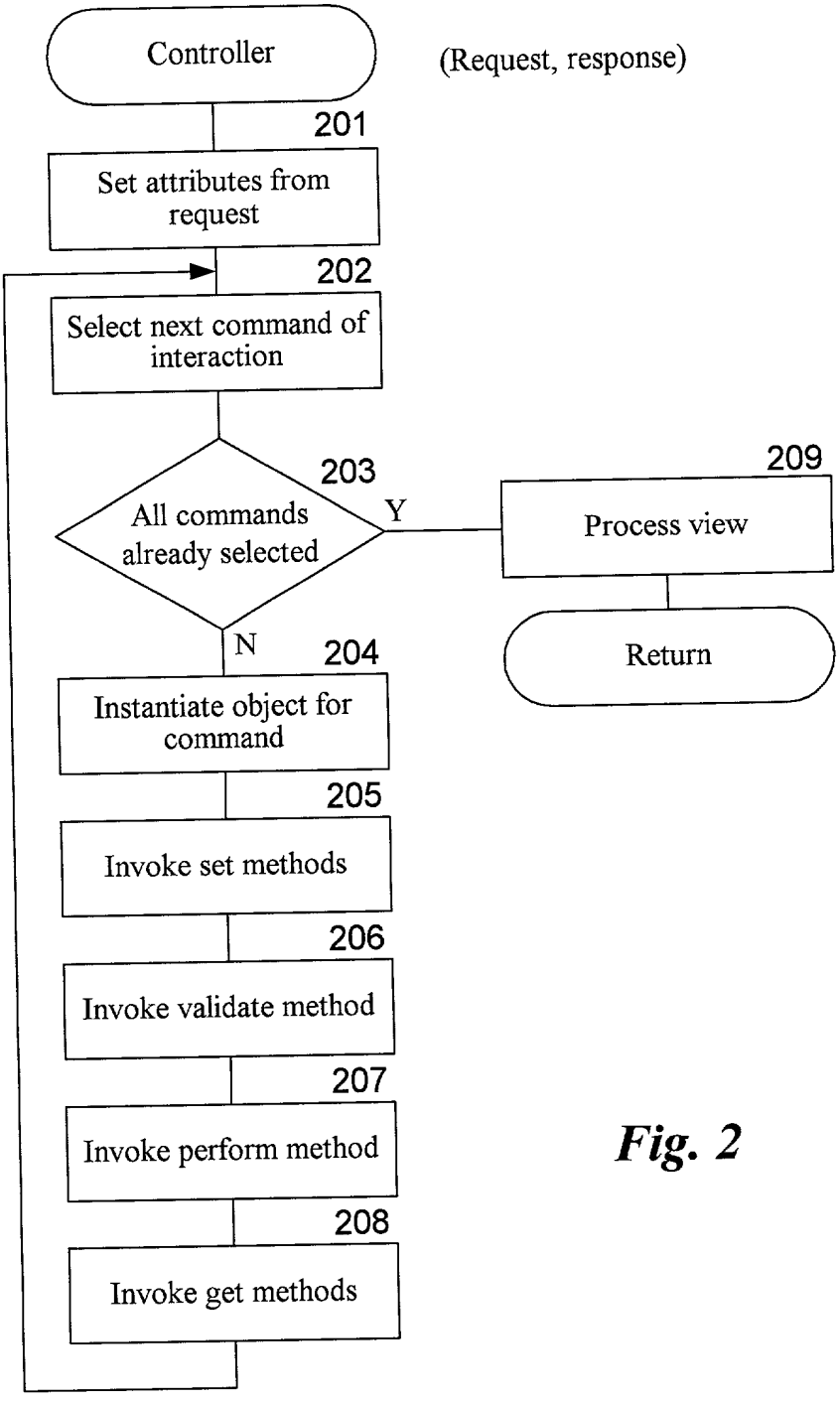
Controller
(Request, response)
201
Set attributes from request
202
Select next command of interaction
203
All commands already selected
Y
209
Process view
Return
N
204
Instantiate object for command
205
Invoke set methods
206
Invoke validate method
207
Invoke perform method
208
Invoke get methods

Fig. 2

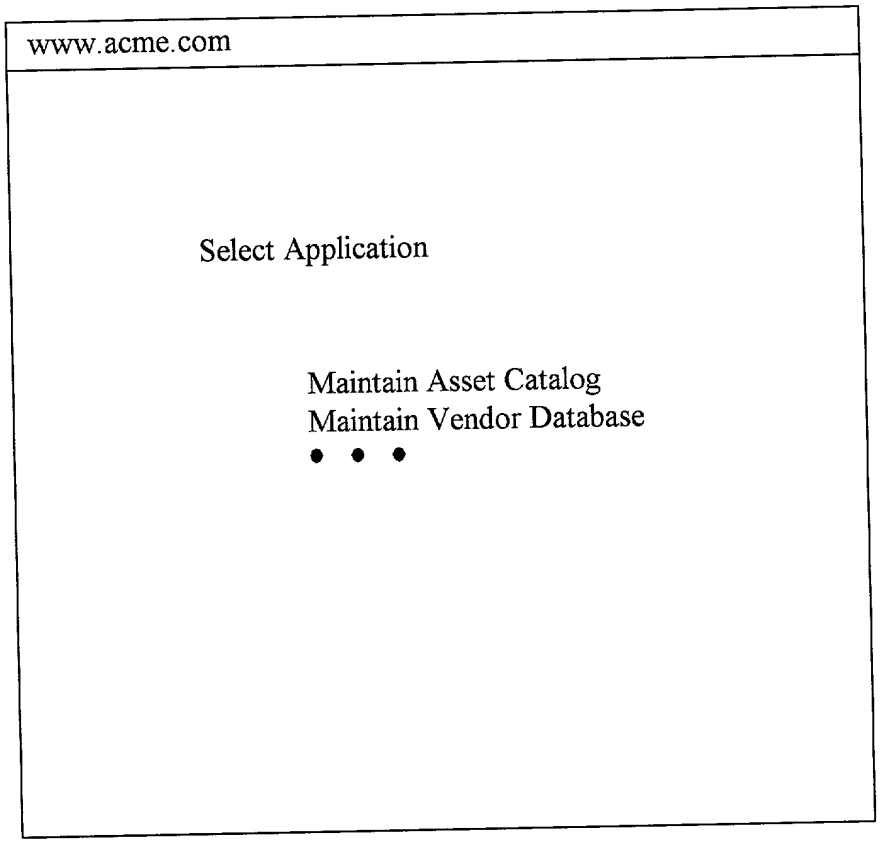
www.acme.com
Select Application
Maintain Asset Catalog
Maintain Vendor Database
• • •

Fig. 3

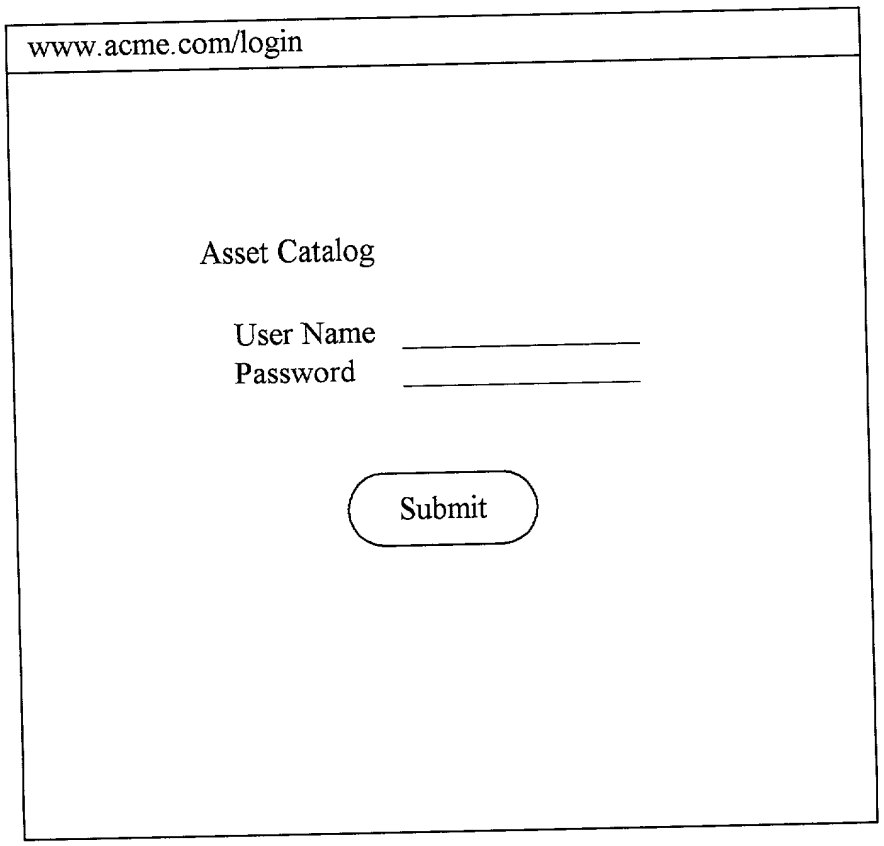

Fig. 4

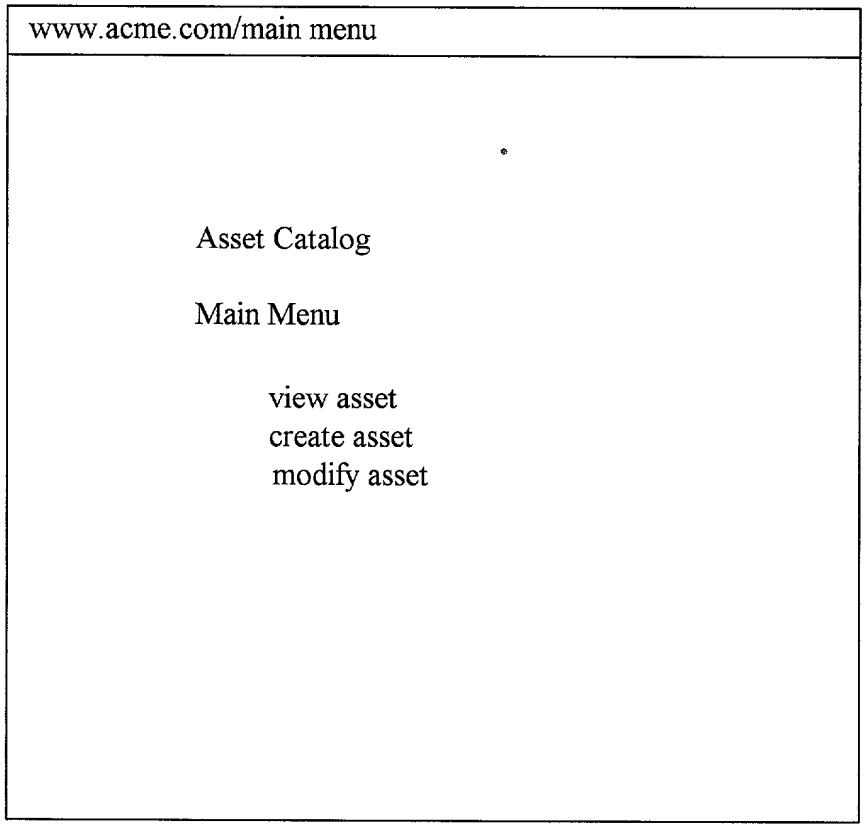
www.acme.com/main menu
Asset Catalog
Main Menu
view asset
create asset
modify asset

Fig. 5

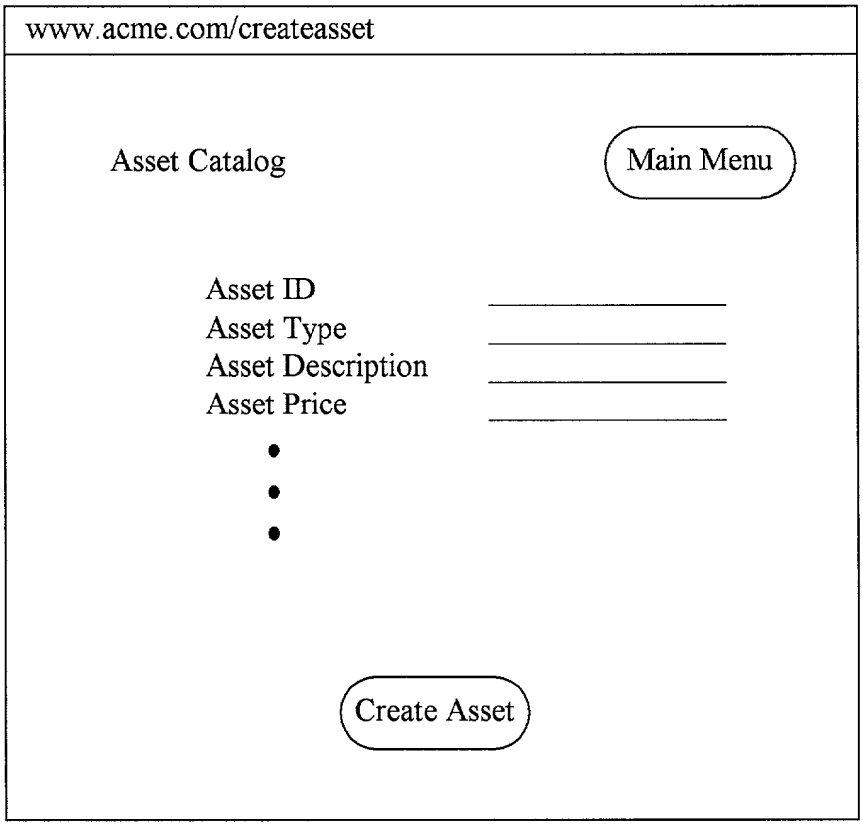
www.acme.com/createasset
Asset Catalog
Main Menu
Asset ID
Asset Type
Asset Description
Asset Price
Create Asset

Fig. 6

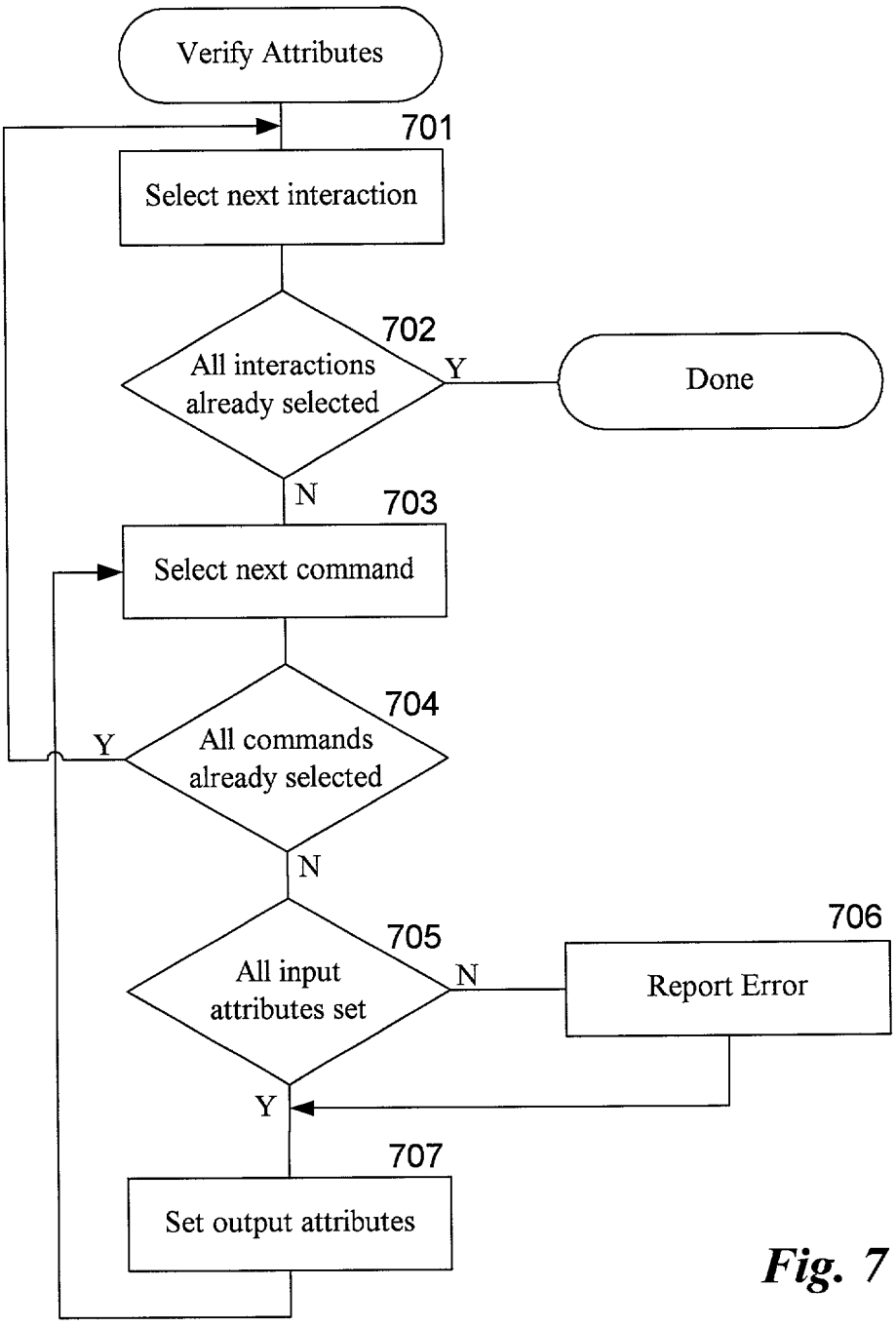
Verify Attributes
701
Select next interaction
702
All interactions already selected
Y
Done
N
703
Select next command
704
All commands already selected
Y
N
705
All input attributes set
N
706
Report Error
Y
707
Set output attributes

Fig. 7

T00280 "4E/S4860

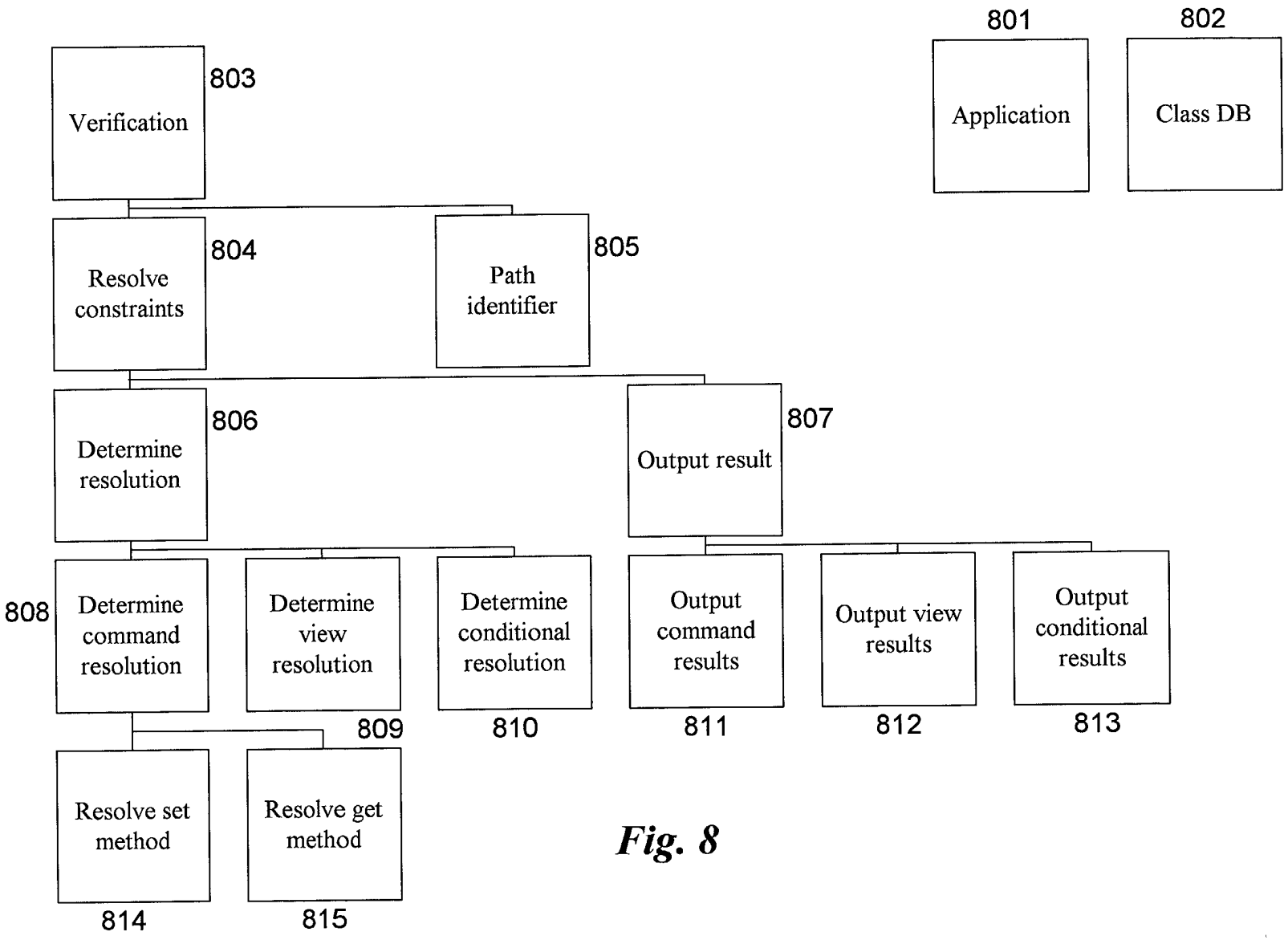

Fig. 8

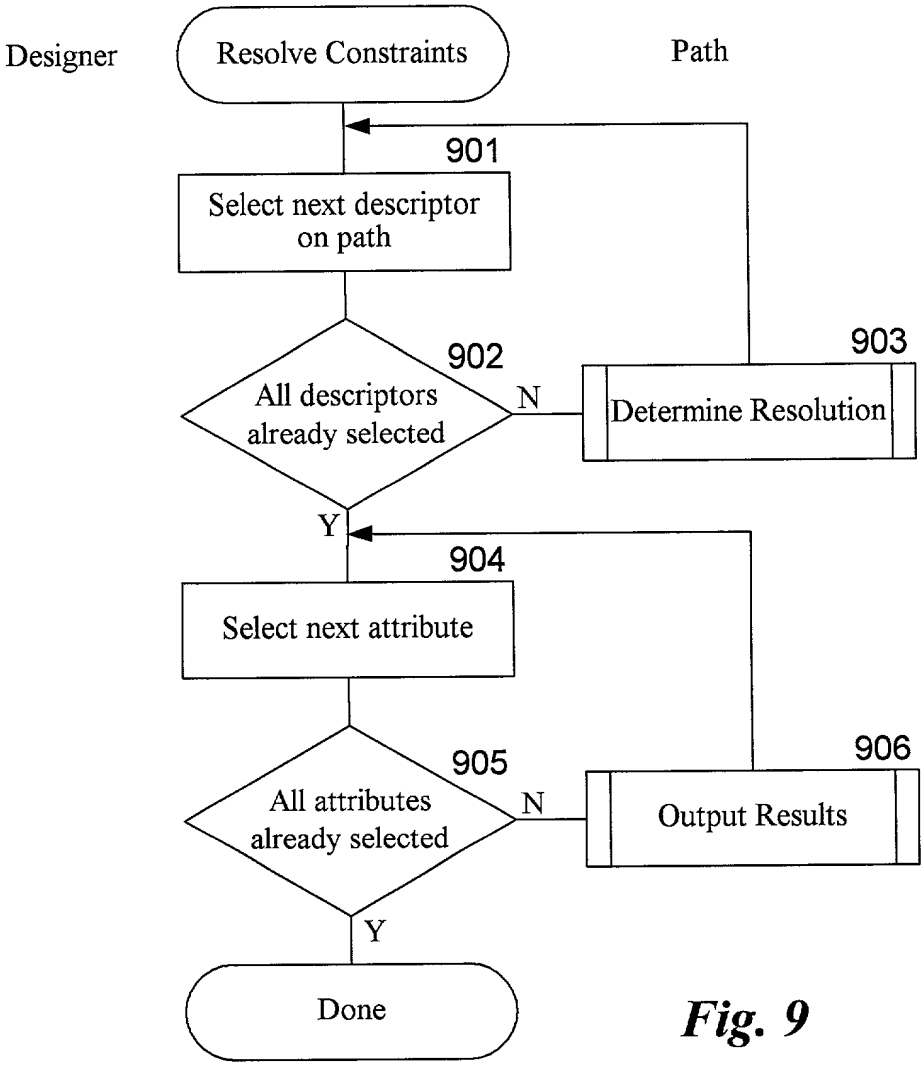
Designer
Resolve Constraints
Path
901
Select next descriptor on path
902
All descriptors already selected
N
903
Determine Resolution
Y
904
Select next attribute
905
All attributes already selected
N
906
Output Results
Y
Done

Fig. 9

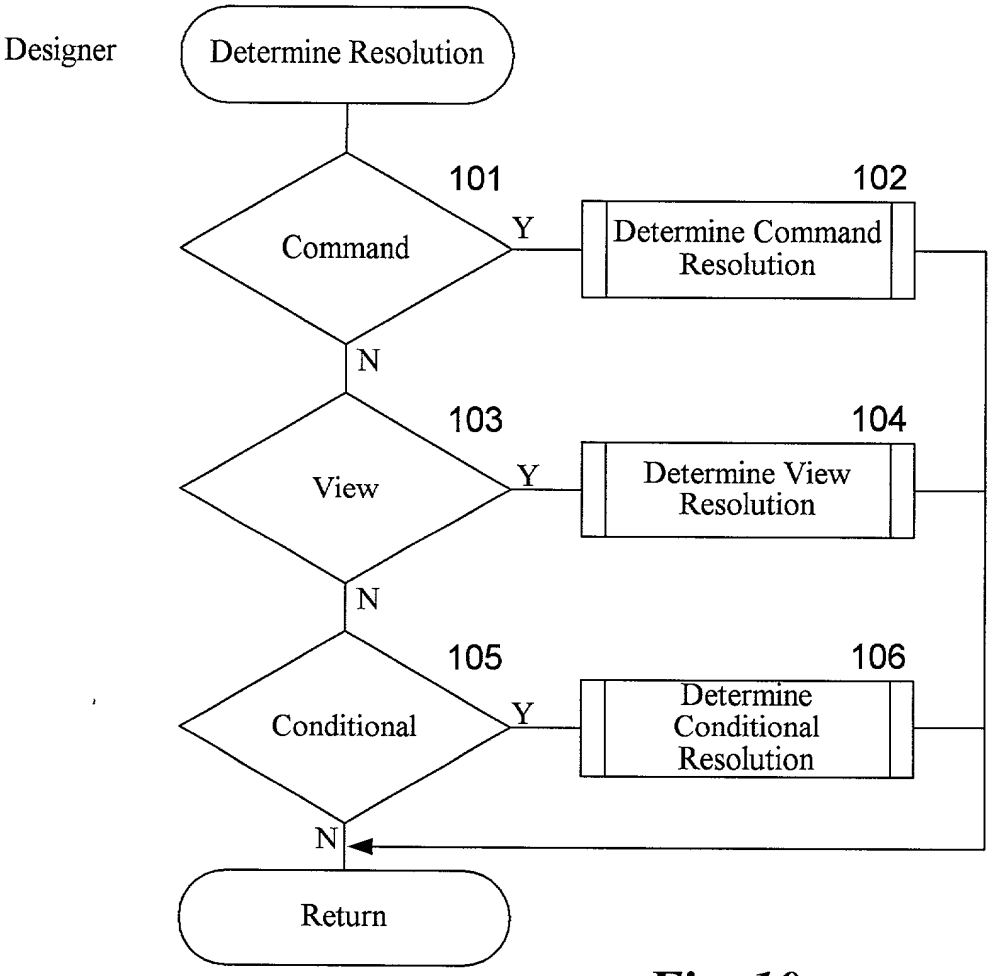
Designer
Determine Resolution
101
Command
Y
102
Determine Command Resolution
N
103
View
Y
104
Determine View Resolution
N
105
Conditional
Y
106
Determine Conditional Resolution
N
Return

Fig. 10

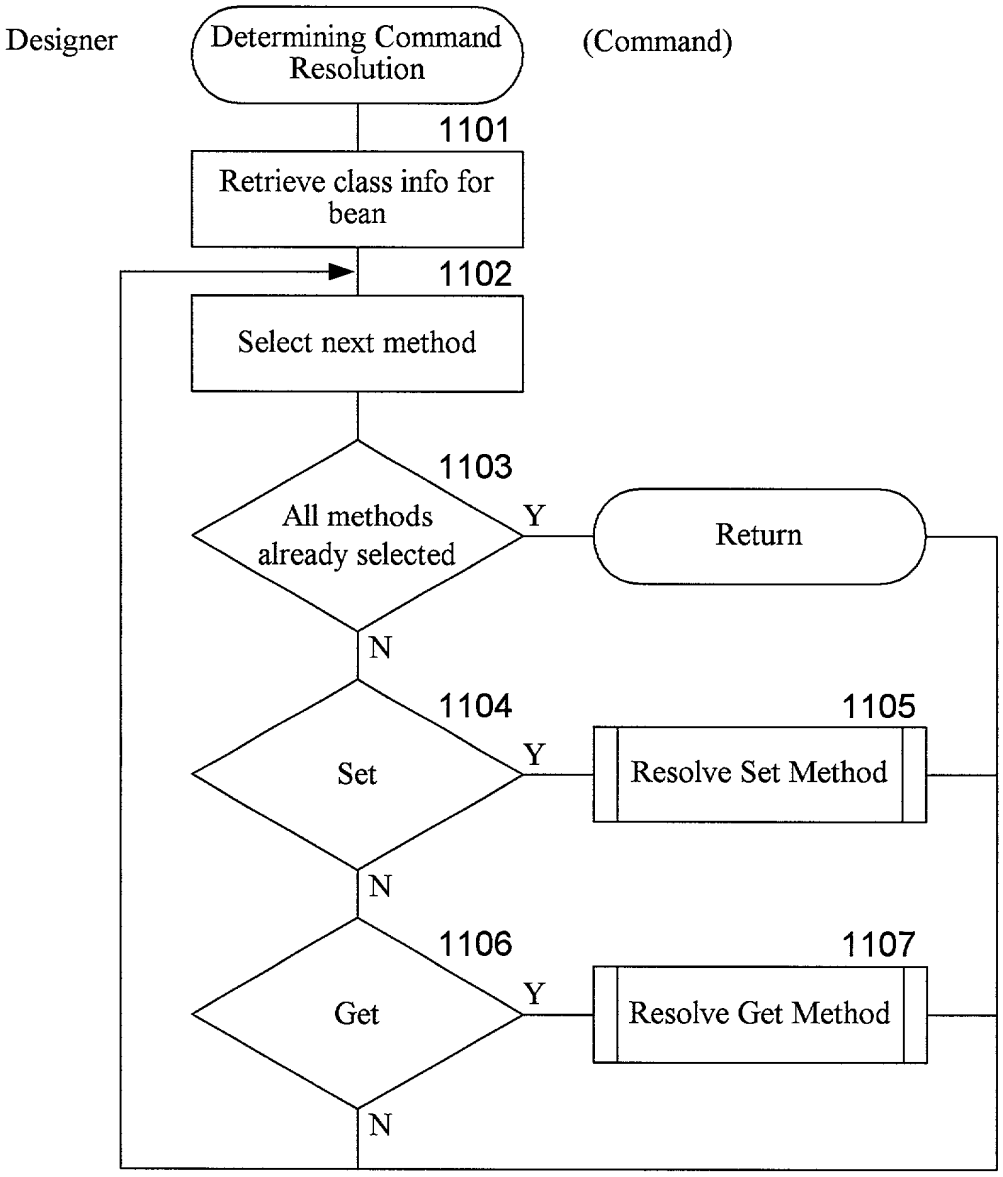
Designer
Determining Command Resolution
(Command)
1101
Retrieve class info for bean
1102
Select next method
1103
All methods already selected
Y
Return
N
1104
Set
Y
1105
Resolve Set Method
N
1106
Get
Y
1107
Resolve Get Method
N

Fig. 11

Designer

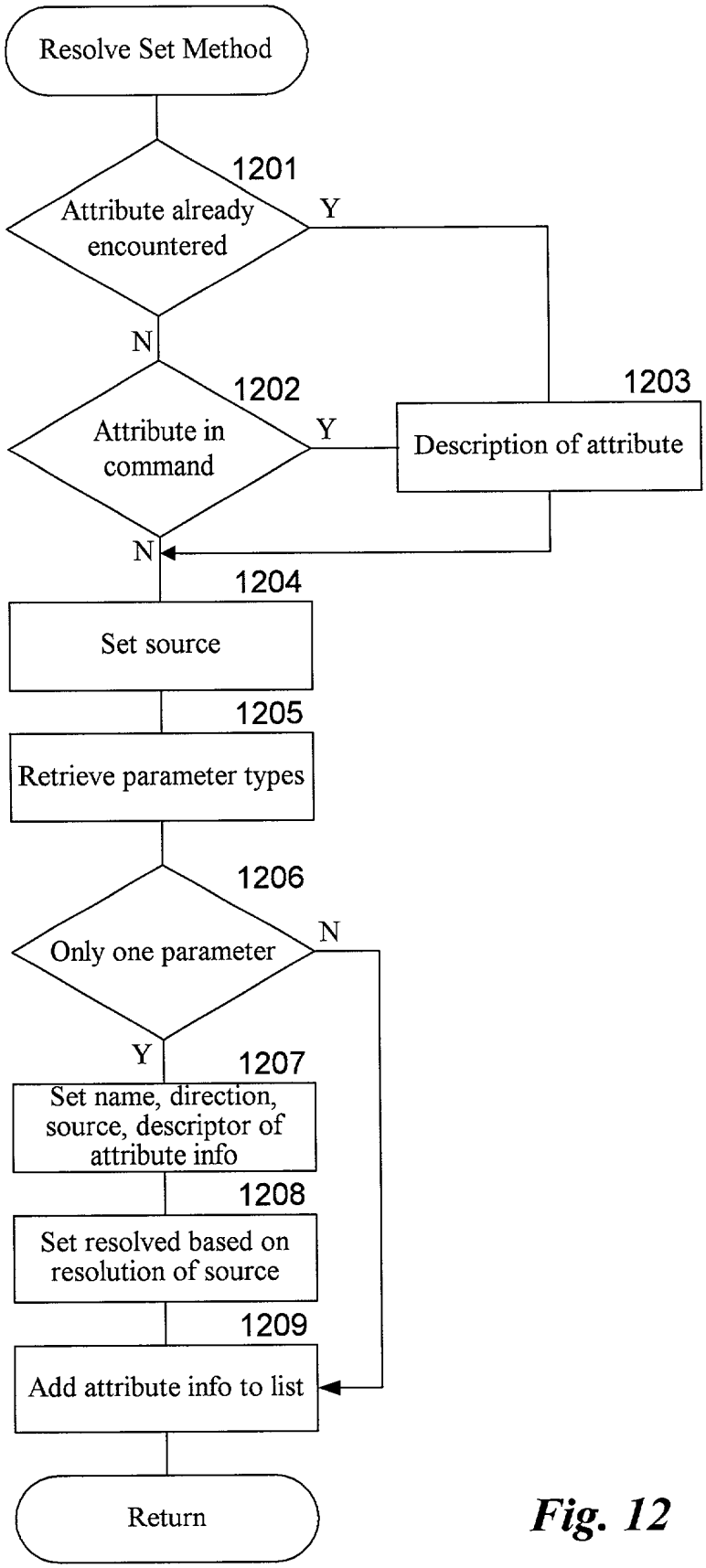

Fig. 12

Designer

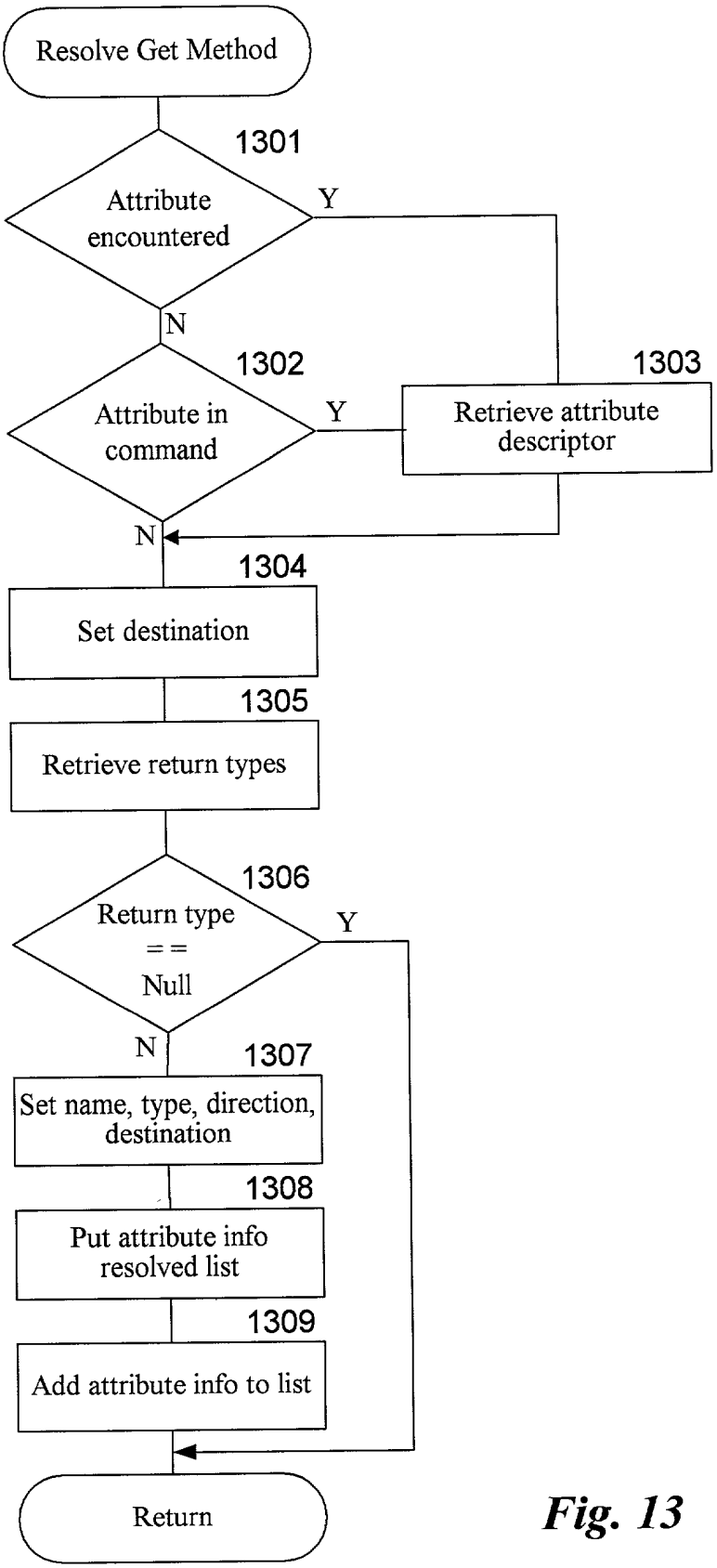

Fig. 13

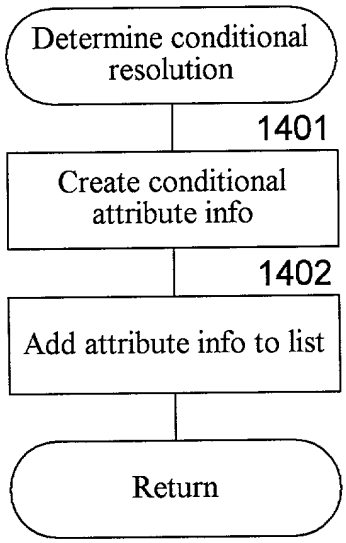
Designer
Determine conditional resolution
1401
Create conditional attribute info
1402
Add attribute info to list
Return

Fig. 14

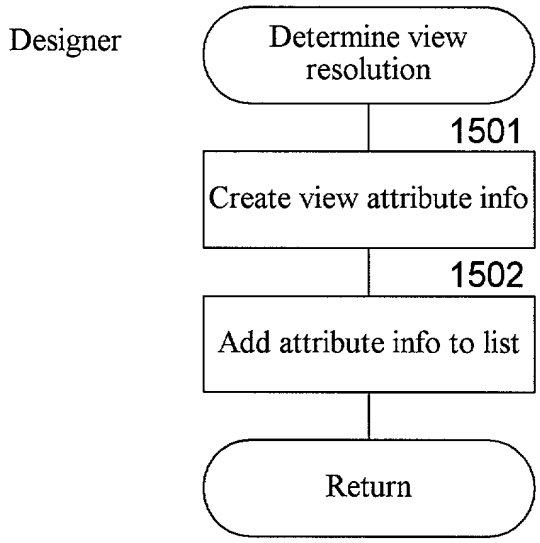
Designer
Determine view resolution
1501
Create view attribute info
1502
Add attribute info to list
Return

Fig. 15

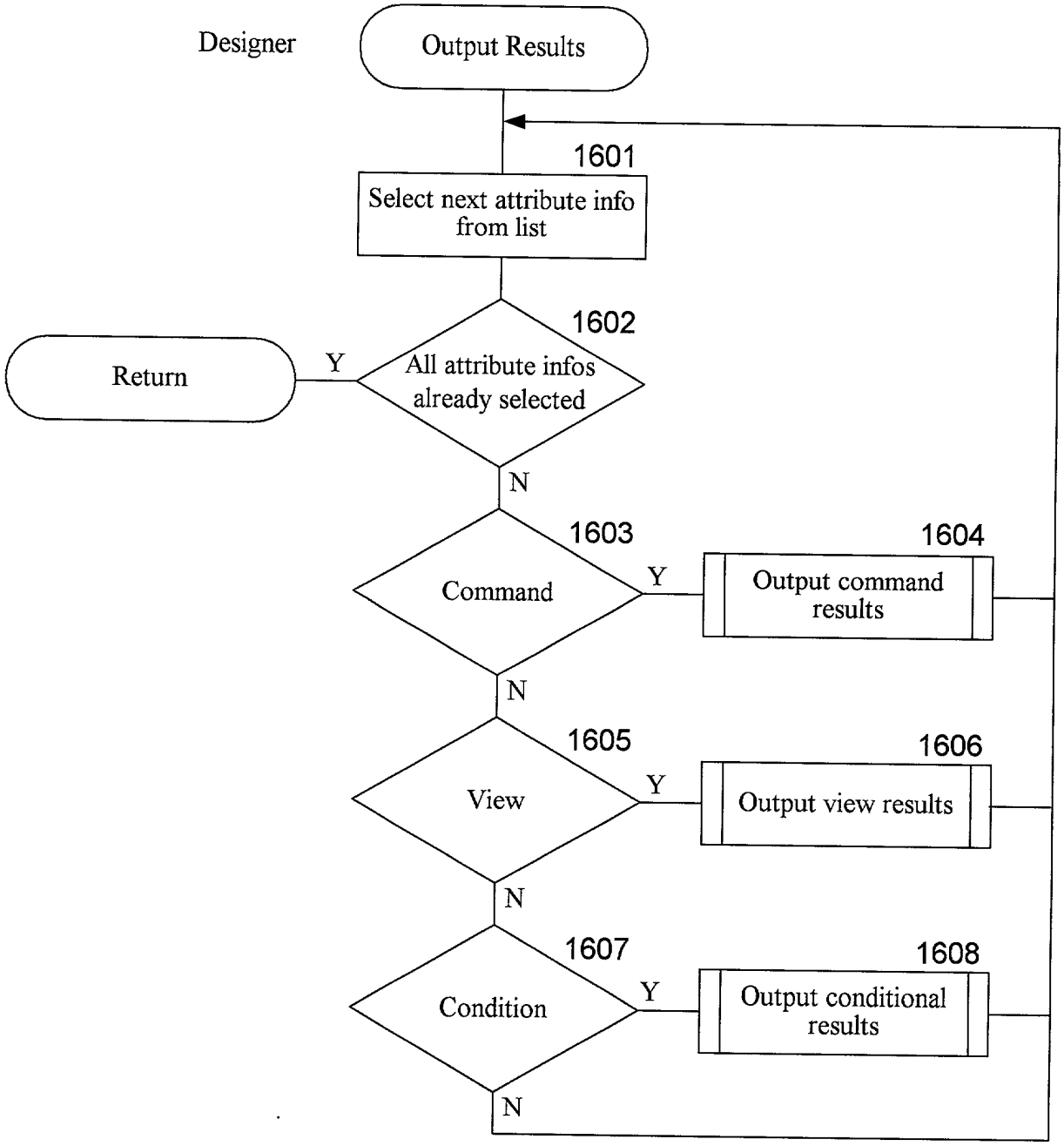
Designer
Output Results
1601
Select next attribute info from list
1602
All attribute infos already selected
Y
Return
N
1603
Command
Y
1604
Output command results
N
1605
View
Y
1606
Output view results
N
1607
Condition
Y
1608
Output conditional results
N

Fig. 16

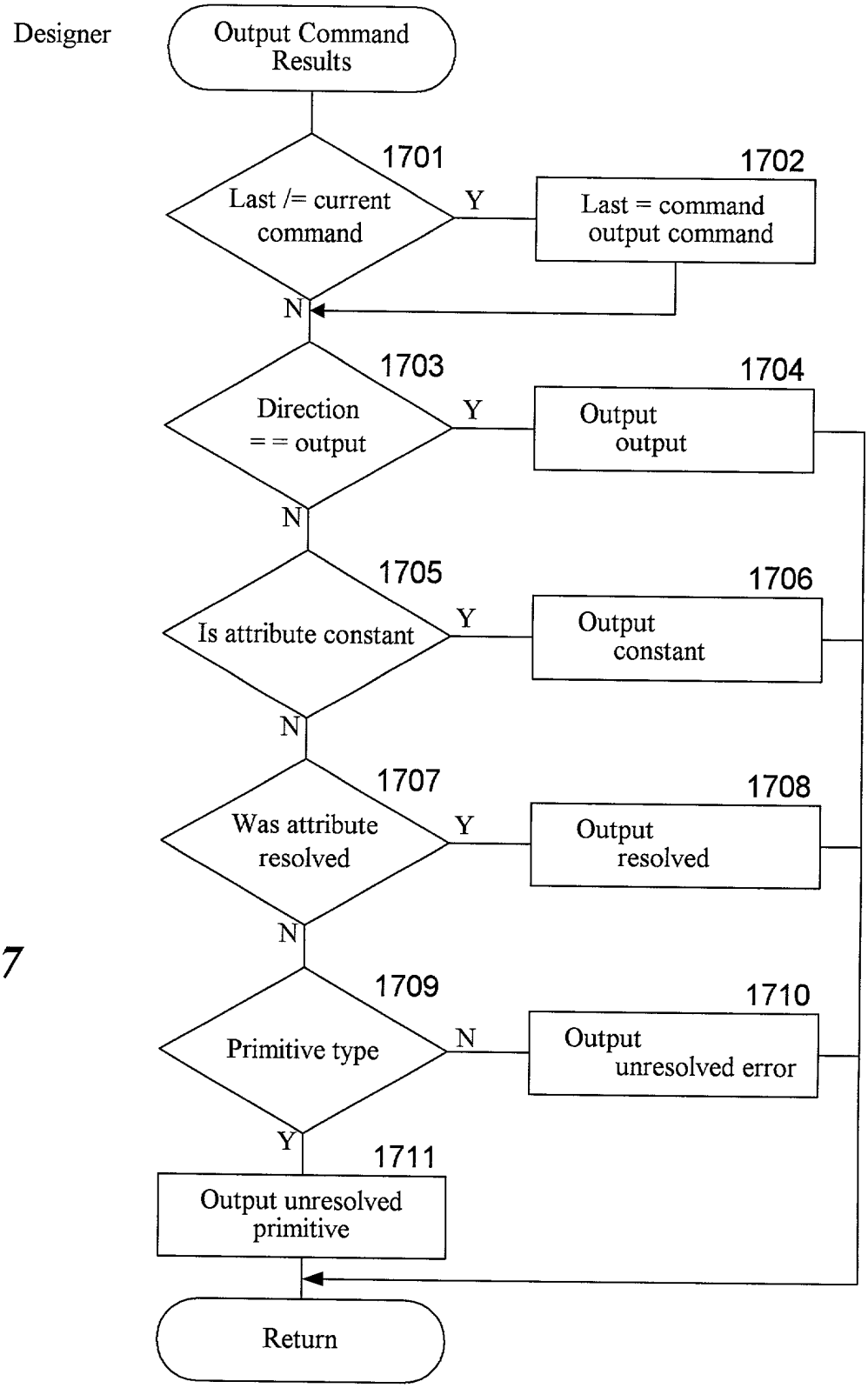
Designer
Output Command Results
1701
Last /= current command
Y
1702
Last = command output command
N
1703
Direction = = output
Y
1704
Output output
N
1705
Is attribute constant
Y
1706
Output constant
N
1707
Was attribute resolved
Y
1708
Output resolved
N
1709
Primitive type
N
1710
Output unresolved error
Y
1711
Output unresolved primitive
Return

Fig. 17